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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,767	04/30/2001	Vivian G. Hsieh	033048-013	9190

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EXAMINER

TRAN, MYLINH T

ART UNIT	PAPER NUMBER
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2179

DATE MAILED: 10/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/843,767

Applicant(s)

HSIEH ET AL.

Examiner

Mylinh Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 July 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 33-48, 50-53, 55-60 and 62-66 is/are pending in the application.
- 4a) Of the above claim(s) 33-34 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 35-48, 50-53, 55-60 and 62-66 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114.

Applicant's submission filed on 07/10/06 has been entered.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 35-48, 50-53, 55-60 and 62-66 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dean [US. 6,202,206].

As per claim 35, Dean teaches a computer implemented method and corresponding system for implementing a graphical user interface for an automated service provisioning system comprising the steps/means:

a first user interface element via which a user can select at least one computing device to be configured, from among a plurality of networked devices (e.g. fig. 15 - fig. 17; client computers "Paco", "Newton" and "Jeff" and

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a second user interface element via which the user designates an operating system to be loaded on the selected computing device (col. 9, lines 17-22); Dean fails to teach a third interface element via which the user can establish name/value pairs for configuration of the designated operating system on the selected device. However, suggested that INI files are required to run Microsoft Windows operating system through version 3.1 (the computer dictionary, page 273). Name/value pairs in the INI files for configuration of the Windows operating system.

It would have been obvious to one of skill in the art, at the time the invention was made, to combine the well known with Dean's teachings. Motivation for the combination would have been a common use in the computer system.

As per claims 36 and 53, Dean teaches said first user interface element enables the user to select a plurality of computing devices to be configured simultaneously with the designated operating system (e.g. 72 of fig. 72).

As per claim 37, Dean teaches a third user interface element via which the user designates at least one of application software and application data to be loaded on the selected computing device (e.g. fig. 26 and fig. 27).

As per claim 38, Dean teaches a computer implemented method and corresponding system for implementing a graphical user interface for an automated service provisioning system comprising the steps/means:

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a first user interface element via which a user can select at least one computing device to be configured, from among a plurality of networked devices (e.g. fig. 15 - fig. 17; client computers "Paco", "Newton" and "Jeff" and

a second user interface element via which the user designates an operating system to be loaded on the selected computing device (col. 9, lines 17-22);

a third user interface element via which the user designates at least one of application software and application data to be loaded on the selected computing device (figure 14-15, column 8, lines 1-12);

said third user interface element displays a list of versions of application software that are currently approved for loading onto the selected computing device. It is inherent every application software has it own version such as Windows 3.1. The version is displayed next the software application.

Dean fails to teach a third interface element via which the user can establish name/value pairs for configuration of the designated operating system on the selected device. However, suggested that INI files are required to run Microsoft Windows operating system through version 3.1 (the computer dictionary, page 273). Name/value pairs in the INI files for configuration of the Windows operating system.

It would have been obvious to one of skill in the art, at the time the invention was made, to combine the well known with Dean's teachings. Motivation for the combination would have been a common use in the computer system.

As per claims 39, 42 and 62, Dean teaches said third user interface element including a component that is actuable by the user to cause deprecated versions of application software to be displayed for designation. It is inherent every application software has its own version such as Windows 3.1. The version is displayed next the software application. Also, all the versions including current or and latest one are displayed next to the software application.

As per claims 40, 43, 46 and 63, it is inherent in the computer system that deprecated versions are displayed in said list together with said currently approved versions because all the versions including current or and latest one are displayed next to the software application.

As per claims 41, 44 and 59, Dean teaches a computer implemented method and

corresponding system for implementing a graphical user interface for an automated service provisioning system comprising the steps/means:

a first user interface element via which a user can select at least one computing device to be configured, from among a plurality of networked devices (e.g. fig.

15 - fig. 17; client computers "Paco", "Newton" and "Jeff" and

a second user interface element via which the user designates an operating system to be loaded on the selected computing device (col. 9, lines 17-22);

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a third user interface element via which the user designates at least one of application software and application data to be loaded on the selected computing device (figure 14-15, column 8, lines 1-12);

said third user interface element displays a list of versions of application software that are currently approved for loading onto the selected computing device. It is inherent every application software has its own version such as Windows 3.1. The version is displayed next the software application.

Dean fails to teach a third interface element via which the user can establish name/value pairs for configuration of the designated operating system on the selected device. However, suggested that INI files are required to run Microsoft Windows operating system through version 3.1 (the computer dictionary, page 273). Name/value pairs in the INI files for configuration of the Windows operating system.

It would have been obvious to one of skill in the art, at the time the invention was made, to combine the well known with Dean's teachings. Motivation for the combination would have been a common use in the computer system.

As per claim 45, Dean's system teaches said second user interface element includes a component that is actuable by the user to cause deprecated versions of operation system to be displayed for designation. It is inherent every operation system has its own version such as Windows 3.1. The version is displayed next by the operation system. Also, all the versions including current or and latest one are displayed next to the operation system.

As per claim 47, Dean teaches said user interface is responsive to designation of an operating system to cause the identification of the designated operating system to be stored in a database in association with the selected computing device (col. 9, lines 17-22).

As per claims 48 and 65, Dean teaches said user interface is responsive to designation of an application software or application data to cause the identification of the designated application software or application data to be stored in a database in association with the selected computing device (e.g. fig. 26 and fig. 27).

As per claims 50, 55, 57 and 66, Dean fails to teach including a fourth interface element via which the user can establish name/value pairs for configuration of the designated application software on the selected device. However, suggested that INI files are required to run Microsoft Windows operating system through version 3.1 (the computer dictionary, page 273). Name/value pairs in the INI files for configuration of the Windows operating system.

It would have been obvious to one of skill in the art, at the time the invention was made, to combine the well known with Dean's teachings. Motivation for the combination would have been a common use in the computer system.

As per claim 51, Dean teaches a computer implemented method and corresponding system for implementing a graphical user interface for an automated service provisioning system comprising the steps/means:



a first user interface element via which a user can select at least one computing device to be configured, from among a plurality of networked devices (e.g. fig. 15 - fig. 17; client computers "Paco", "Newton" and "Jeff" and

a second user interface element via which the user designates an operating system to be loaded on the selected computing device (col. 9, lines 17-22);

a third user interface element via which the user designates at least one of application software and application data to be loaded on the selected computing device (figure 14-15, column 8, lines 1-12);

said third user interface element displays a list of versions of application software that are currently approved for loading onto the selected computing device. It is inherent every application software has its own version such as Windows 3.1. The version is displayed next the software application.

Dean teaches said third user interface element including a component that is actuable by the user to cause deprecated versions of application software to be displayed for designation. It is inherent every application software has its own version such as Windows 3.1. The version is displayed next the software application. Also, all the versions including current or and latest one are displayed next to the software application.

Dean teaches said user interface is responsive to designation of an application software or application data to cause the identification of the designated application software or application data to be stored in a database in association with the selected computing device (e.g. fig. 26 and fig. 27).

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Dean fails to teach a third interface element via which the user can establish name/value pairs for configuration of the designated operating system on the selected device. However, suggested that INI files are required to run Microsoft Windows operating system through version 3.1 (the computer dictionary, page 273). Name/value pairs in the INI files for configuration of the Windows operating system.

It would have been obvious to one of skill in the art, at the time the invention was made, to combine the well known with Dean's teachings. Motivation for the combination would have been a common use in the computer system.

As per claim 52, Dean teaches a third user interface element via which the user designates at least one of application software and application data to be loaded on the selected computing device (figure 14-15, column 8, lines 1-12); and Dean teaches said user interface is responsive to designation of an application software or application data to cause the identification of the designated application software or application data to be stored in a database in association with the selected computing device (e.g. fig. 26 and fig. 27).

As per claim 56, Dean teaches including the steps of automatically loading the designated operating system on the selected device in accordance with the identification stored in said database (e.g. col. 9, line 15 - col. 10, line 3).

As per claim 58, Dean teaches the steps of automatically loading the designated operating system on the selected device in accordance with the identification stored in said database (e.g. col. 9, line 15 - col. 10, line 3).

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As per claim 60, Dean teaches said first user interface element enables the user to select a plurality of computing devices to be configured simultaneously with the designated application software or application data (e.g. fig. 8).

As per claim 64, it recites a combination of limitations recited in claims 38 and 39;

therefore it is rejected as set forth in the rejection of claims 38 and 39, combined.

### **Response to Arguments**

Applicant's arguments with respect to claims 38 and 51 have been considered but are moot in view of the new ground of rejection.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran. The examiner can normally be reached on Mon - Thu from 7:00AM to 3:00PM at 571-272-4141.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo, can be reached at 571-272-4847.

The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

571-273-8300

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mylinh Tran

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**WEILUN LO**  
**SUPERVISORY PATENT EXAMINER**